

Title (en)

Process for the preparation of hydroxyphenyl-substituted 1,3,5-triazines

Title (de)

Verfahren zur Herstellung von hydroxyphenylsubstituierten 1,3,5-Triazinen

Title (fr)

Procédé pour la préparation de 1,3,5-triazines hydroxyphényle substituées

Publication

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Application

EP 94810597 A 19941013

Priority

CH 319993 A 19931022

Abstract (en)

[origin: EP0649841A1] There is described a simple process for the preparation of hydroxyphenyl-substituted 1,3,5-triazines of the formula (1) by reaction of 1 mol of a salicyl compound of the formula (2) with 2 mol of benzimidine compound of the formula (3). The triazines prepared according to the invention are suitable as useful UV absorbers for organic materials, in particular polyester fibre materials.

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C07D 251/24; C08K 5/3492

IPC 8 full level

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C07D 251/14 (2013.01 - KR); **C07D 251/24** (2013.01 - EP US); **C08K 5/3492** (2013.01 - EP US)

Citation (examination)

- US 3118887 A 19640121 - HARDY WILLIAM B, et al
- DE 1469811 A1 19690227 - AMERICAN CYANAMID CO
- A.R. KATRITZKY ET.AL., COMPREHENSIVE HETEROCYCLIC CHEMISTRY, vol. 3, no. 2B, 1984, PERGAMON PRESS, pages 512 - 517
- Ber.deutsch.chem.Ges., 23, 1890, p.2937-2938

Cited by

US5869030A; EP0743309A1; US5688995A; US6867250B1; WO2010081625A2; US6855269B2; WO2006062062A1; US6486317B1; US6225468B1; WO9522959A3; WO9628431A1; US6509399B2; US6239276B1; US6306939B1; EP0654469B1; US6297377B1; US6384113B1; US6255483B1; US6468958B2; US6841670B2; US6919454B2

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